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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/088,399	03/19/2002	Rony Zarom	Q69045	2948

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EXAMINER

TESLOVICH, TAMARA

ART UNIT PAPER NUMBER

2137

DATE MAILED: 04/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/088,399

Applicant(s)

ZAROM ET AL.

Examiner

Tamara Teslovich

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2137

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 22 December 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

This office action is in response to Applicant's Remarks and Amendments filed December 22, 2015.

Claims 1-6 are amended.

Claims 8-20 are newly added.

Claims 1-20 are herein considered.

#### ***Response to Arguments and Amendments***

The Applicant's amendments to claims 1-6 are herein considered but fail to render claims 1-7 allowable over the available prior art, namely Radia et al.

In response to the Applicant's contention that Radia does not anticipate independent claim 1 because it fails to select rules for filtering a packet based on a value obtained from at least partially analyzing information in the packet, the Examiner draws the Applicant's attention to column 3 lines 5-22 which provides an alternative to the user login profiles, to lines 23-33 where Radia teaches the use of a default user profile set to a null profile for all users wherein events are used to trigger the setting of the profiles and resulting rules as a result of packets sent and the likes. The Examiner would also like to note lines 50-55 of the same column wherein it is noted that although certain embodiments teach the use of logging information and the likes in order to create filters, a number of other events may be used to trigger the settings of filter rules.

As a result, the Examiner's previous 35 U.S.C. 102(b) rejections of claims 1-7 are amended below to address the Applicant's newly added limitations while newly added claims 8-20 are newly rejected below.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

**Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by  
Radia et al., United States Patent 5,848,233.**

As per **claim 1**, Radia discloses a method for presorting a plurality of rules for filtering a packet in network, the method comprising the steps of: selecting a characteristic (detecting an event) for sorting the plurality of rules, said characteristic having a plurality of possible values; associating each (filter) rule with at least one value for said characteristic; receiving the packet; at least partially analyzing information in the packet to obtain said value for said characteristic; selecting at least one of the plurality of rules according to said value obtained by analyzing information in the received packet to form at least one selected rule; and applying said selected rule to the packet, such

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that the packet is permitted to enter the network or alternatively is dropped (col.4 lines 2-7 and 12-20).

As per **claim 2**, Radia discloses wherein the plurality of rules are presorted according to each value for said characteristic (col.6 lines 30-36).

As per **claim 3**, Radia discloses wherein said characteristic is at least one of a source address of the packet and a destination address of the packet (col.6 lines 18-19).

As per **claim 4**, Radia discloses wherein said characteristic is a combination of said source address of the packet and said destination address of the packet (col.2 lines 3-16, col.6 lines 18-19).

As per **claim 5**, Radia discloses wherein a user is associated with each value of said characteristic such that said associating each rule with at least one value for said characteristic further comprise assigning at least one privilege to a user and determining whether to associate each rule with said value of said characteristic according to said at least one privilege (col.3 lines 5-21).

As per **claim 6**, Radia discloses wherein said assigning at least one privilege to said user further comprises determining a user profile of associated rules according to said at least one privilege (col.3 lines 34-50).

As per **claim 7**, Radia discloses associating a user profile with a group profile, such that a plurality of values for said characteristic is associated with said associated rules of said group profile (col.3 lines 23-27; col.7 line 39 thru col.8 line 29).

As per **claim 8**, Radia discloses an apparatus for presorting a plurality of rules for filtering a packet in network, wherein a characteristic (detecting an event) for sorting the plurality of rules is selected, said characteristic has a plurality of possible values, and each rule is associated with at least one value for said characteristic, the apparatus comprising; a software module for performing the operations of: at least partially analyzing information in the packet to obtain said value for said characteristic; selecting at least one of the plurality of rules according to said value obtained by analyzing information in the received packet to form at least one selected rule; and applying said selected rule to the packet, such that the packet is permitted to enter the network or alternatively is dropped (col.4 lines 2-7 and 12-20).

As per **claim 9**, Radia discloses wherein the plurality of rules are presorted according to each value for said characteristic (col.6 lines 30-36).

As per **claim 10**, Radia discloses wherein said characteristic is at least one of a source address of the packet and a destination address of the packet (col.6 lines 18-19).

As per **claim 11**, Radia discloses wherein said characteristic is a combination of said source address of the packet and said destination address of the packet (col.2 lines 3-16, col.6 lines 18-19).

As per **claim 12**, Radia discloses wherein a user is associated with each value of said characteristic such that the software module further performs the operations of assigning at least one privilege to a user and determining whether to associate each

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rule with said value of said characteristic according to said at least one privilege (col.3 lines 5-21).

As per **claim 13**, Radia discloses wherein said assigning at least one privilege to said user further comprises determining a user profile of associated rules according to said at least one privilege (col.3 lines 34-50).

As per **claim 14**, Radia discloses associating a user profile with a group profile, such that a plurality of values for said characteristic is associated with said associated rules of said group profile (col.3 lines 23-27; col.7 line 39 thru col.8 line29).

As per **claim 15**, Radia discloses a computer program product comprising a computer usable medium having computer readable code embodied therein for presorting a plurality of rules for filtering a packet in network, the computer program product comprising computer readable program code for performing the operations of selecting a characteristic (detecting an event) for sorting the plurality of rules, said characteristic has a plurality of possible values, associating each rule with at least one value for said characteristic, at least partially analyzing information in the packet to obtain said value for said characteristic; selecting at least one of the plurality of rules according to said value obtained by analyzing information in the received packet to form at least one selected rule; and applying said selected rule to the packet, such that the packet is permitted to enter the network or alternatively is dropped (col.4 lines 2-7 and 12-20).

As per **claim 16**, Radia discloses wherein the plurality of rules are presorted according to each value for said characteristic (col.6 lines 30-36).

As per **claim 17**, Radia discloses wherein said characteristic is a source address of the packet (col.6 lines 18-19).

As per **claim 18**, Radia discloses wherein said characteristic is a destination address of the packet (col.6 lines 18-19).

As per **claim 19**, Radia discloses wherein said characteristic is a combination of said source address of the packet and said destination address of the packet (col.2 lines 3-16, col.6 lines 18-19).

As per **claim 20**, Radia discloses wherein a user is associated with each value of said characteristic such that said computer readable program code further comprises the operations of assigning at least one privilege to a user and determining whether to associate each rule with said value of said characteristic according to said at least one privilege (col.3 lines 5-21).

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the



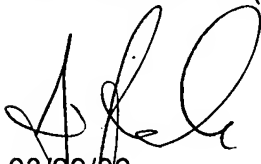
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shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tamara Teslovich whose telephone number is (571) 272-4241. The examiner can normally be reached on Mon-Fri 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
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TT

  
EMMANUEL L. MOISE  
SUPERVISORY PATENT EXAMINER